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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/825,568-Conf. #9114
	Filing Date	April 14, 2004
	First Named Inventor	Darin R. Latimer
	Art Unit	1637
	Examiner Name	K. R. Horlick
Total Number of Pages in This Submission	Attorney Docket Number	0112602.00152US3

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply – Restriction Requirement <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Postcard
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	WILMER CUTLER PICKERING HALE AND DORR LLP		
Signature			
Printed name	James T. Olesen		
Date	October 13, 2006	Reg. No.	46,967

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
Dated: October 13, 2006	Signature: (Mary Jo Nispel)

Application No. 10/825,568
Reply dated October 13, 2006
Reply to Restriction Requirement Dated September 13, 2006

Docket No.: 0112602.00152 US3
(Patent)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Darin R. Latimer, *et al.* Confirmation No.: 9114
Application No.: 10/825,568 Art Unit: 1637
Filed: April 14, 2004 Examiner: K. R. Horlick
Title: **ULTRA-SENSITIVE DETECTION SYSTEMS**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated

October 13, 2006

Signature:

Mary Jo Nispeil
(Mary Jo Nispeil)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO RESTRICTION REQUIREMENT

Dear Sir:

In response to the Restriction Requirement dated September 13, 2006, Applicants provisionally elect peptides as the reporter signal, as suggested by the Examiner. Following this election, the status of all claims is as provided:

Amendments to the Claims are reflected in the complete listing of claims, which begins on page 2 of this paper.

Remarks begin on page 9 of this paper.

Conclusion begins on page 10 of this paper.